



09-07-06

JPW

Docket No.: 61843NAT(51035)
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
John P. Maye

Application No.: 10/529,131

Confirmation No.: 2561

Filed: November 7, 2005

Art Unit: 1654

For: HOP ACIDS AS A REPLACEMENT FOR
ANTIBIOTICS IN ANIMAL FEED

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

In accordance with 37 CFR 1.98(a)(2)(ii), Applicant has not submitted copies of U.S. patents and U.S. patent applications. Applicant submits herewith copies of foreign patents and non-patent literature in accordance with 37 CFR 1.98(a)(2).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be

an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1105, under Order No. 61843NAT(51035).

Dated: September 5, 2006

Respectfully submitted,

By

Jeffrey D. Hsi

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PTO/SB/08a/b (07-06)

Approved for use through 09/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/529,131-Conf. #2561
				Filing Date	November 7, 2005
				First Named Inventor	John P. Maye
				Art Unit	1654
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	61843NAT(51035)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AA*	US-6,423,317	07/2002	Haas et al.	
	AB*	US-5,114,708 A	05/1992	Hunter et al.	
	AC*	US-6,391,346 B1	05/2002	Newmark et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁸
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	BA	EP-EP 1 277 473	01-22-2003			
	BB	WO-WO 01 76614	10-18-2001			
	BC	GB-GB 120 166	10-18-1918			
	BD	JP-JP 01 172340	07-07-1989			
	BE	GB-2330076 A	04/1999	Johnson et al.		
	BF	GB-2072657 A	10/1981	Muller		
	BG	RU-RU 2 075 298	03-20-1997			
	BH	JP-JP 01 172341	07-07-1989			

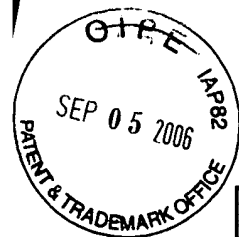
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with a single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	Krishna, C. et al., Agricultural Wastes (1986), 17(2): 99-117. Fermentation of various preparations of spent hops (<i>Humulus lupulus</i> L.) using the rumen simulation technique (Rusitec).	
	CB	Gen Bank Accession No. XP002268355	
	CC	Beuchat et al., "Antimicrobials Occurring Naturally in foods", Food Technology, Institute of Food Technologists, vol. 43, no. 1, 1989, pp. 134-142	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Examiner Signature		Date Considered	
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Application No. (if known): 10/529,131

Attorney Docket No.: 61843NAT(51035)

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Registration Number, if applicable

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Copies of Non-US References (11 references)